E - BS11

"PRE-MEASUREMENT SHEETS"

Name of Work :Construction to Roads and drains at Attur Village and Surrounding areas in ward no-03.

"FIRST AND FINAL BILL"

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Name of Work :Construction to Roads and drains at Attur Village and Surrounding areas in ward no-03.

	Pre Measurement Recorded on : 01-03-19 & 16-03-19										
Item No	Discription of Item	No	L1	L2	Avg Length	B1	B2	Avg Breadth	Depth	Qty	Unit
1	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification.										
	For SSM Wall										
	Kaivara Yogi Narayana Temple										
	Entrance	1			5.00	0.90	0.90	0.90	0.75	3.38	
		1			7.30	0.90	0.90	0.90	1.00	6.57	
		1			16.40	0.90	0.90	0.90	1.00	14.76	
		1			9.20	0.90	0.90	0.90	1.00	8.28	
	Eshwara Temple										
	Back side	1			8.45	0.90	0.90	0.90	1.00	7.61	
	Ashwath katte-1	1			10.00	1.00	1.00	1.00	1.00	10.00	
	Ashwath katte-2	1			15.00	1.00	1.00	1.00	1.00	15.00	
	Ashwath katte-3	2			3.40	1.00	1.00	1.00	1.00	6.80	
		2			3.05	1.00	1.00	1.00	1.00	6.10	
	temple front side	1			15.52	1.00	1.00	1.00	1.00	15.52	
	Temple Surrounding	1			2.10	0.60	0.60	0.60	0.60	0.76	
		1			8.80	0.60	0.60	0.60	0.60	3.17	
		1			2.10	0.60	0.60	0.60	0.60	0.76	
		1			1.80	0.60	0.60	0.60	0.60	0.65	
		1			3.50	0.60	0.60	0.60	0.60	1.26	
		1			2.30	0.60	0.60	0.60	0.60	0.83	
		1			1.60	0.60	0.60	0.60	0.60	0.58	
		1			7.70	0.60	0.60	0.60	0.60	2.77	
		1			2.10	0.60	0.60	0.60	0.60	0.76	
	For Steps										
	East Side	1			1.71	1.50	1.50	1.50	0.90	2.31	
	West Side	1			1.71	1.50	1.50	1.50	0.90	2.31	
	Kalikamba Veerabadra Swamy Temple										
	SSM Wall	2			1.80	1.00	1.00	1.00	0.90	3.24	
		2			1.57	1.00	1.00	1.00	0.90	2.83	
	Compound Wall	1			7.90	1.20	1.20	1.20	1.00	9.48	
	For RCC Drain										
	Anganwadi Surrounding										
	Cross Road - 1	1			25.20	1.10	1.10	1.10	1.00	27.72	
		1			13.25	1.10	1.10	1.10	1.00	14.58	
	Cross Road - 2	1			16.30	1.10	1.10	1.10	1.00	17.93	
	Ambabhavani temple	1			13.00	1.10	1.10	1.10	1.00	14.30	
	Earth work	1			30.00	1.00	1.00	1.00	0.90	27.00	
		1			15.00	1.00	1.00	1.00	0.90	13.50	
	For CC Road										
	Near Atturu village Anganavadi										
	Cross Road-1	1			19.00	2.53	2.72	2.63	0.30	14.96	
		1			11.00	2.72	2.68	2.70	0.30	8.91	
		1			12.70	2.15	1.61	1.88	0.30	7.16	
	Cross Road-2	1			4.80	2.90	2.90	2.90	0.30	4.18	
		1			10.20	2.34	2.80	2.57	0.30	7.86	
		1			4.80	2.40	2.48	2.44	0.30	3.51	
		1			8.10	1.06	1.35	1.21	0.30	2.93	
		1			4.95	2.05	1.75	1.90	0.30	2.82	
		1			8.00	0.65	0.65	0.65	0.30	1.56	

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Item No	Discription of Item	No	L1	L2	Avg Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		1			6.20	0.63	0.62	0.63	0.30	1.16	
	pipe line	1			16.00	0.40	0.40	0.40	0.30	1.92	
	Concrete portion	1			16.00	0.30	0.30	0.30	0.30	1.44	
	Only concrete	1			3.10	0.70	0.70	0.70	0.30	0.65	
		1			7.75	0.62	0.62	0.62	0.30	1.44	
	Near Maramma Temple	1			3.10	1.83	1.83	1.83	0.30	1.70	
	Kalikamba Veerabadra Swamy Temple										
	Front side	1	5.00	5.00	5.00	4.60	4.60	4.60	0.30	6.90	
		1	6.30	6.30	6.30	5.40	5.40	5.40	0.30	10.21	
		1	10.85	10.85	10.85	4.80	4.80	4.80	0.30	15.62	
		1	15.40	15.40	15.40	7.30	7.70	7.50	0.30	34.65	
		1	15.40	15.40	15.40	7.00	7.00	7.00	0.30	32.34	
	Near Temple	1	6.00	6.00	6.00	3.20	3.20	3.20	0.30	5.76	
		1	13.00	13.00	13.00	7.50	7.50	7.50	0.30	29.25	
	Back side	1	11.00	10.00	10.50	7.90	7.85	7.88	0.30	24.81	
		1	3.00	2.75	2.88	7.00	4.30	5.65	0.30	4.87	
		1	7.00	7.00	7.00	2.40	3.30	2.85	0.30	5.99	
		1	8.00	8.00	8.00	0.30	0.30	0.30	0.30	0.72	
	Kaivara Yogi Narayana Temple										
	Entrance	1	1.06	1.06	1.06	6.85	6.85	6.85	0.30	2.18	
		0.5	2.74	2.74	2.74	6.85	6.85	6.85	0.30	2.82	
		1	20.80	21.00	20.90	3.80	3.80	3.80	0.30	23.83	
		0.5	21.00	21.00	21.00	11.90	11.90	11.90	0.30	37.49	
		0.5	1.40	1.40	1.40	4.20	4.20	4.20	0.30	0.88	
	Towards Kalyani	1	28.20	28.20	28.20	5.90	5.20	5.55	0.30	46.95	
		1	4.30	4.30	4.30	1.80	2.40	2.10	0.30	2.71	
	Towards School	1	5.00	5.00	5.00	6.10	8.50	7.30	0.30	10.95	
		1	16.70	16.70	16.70	4.80	6.10	5.45	0.30	27.30	
	(Approach) near samudhaya Bhavana										
		1	12.90	12.90	12.90	3.60	2.60	3.10	0.30	12.00	
		1	9.20	9.20	9.20	1.10	1.10	1.10	0.30	3.04	
	Eshwara Temple Area										
		1	28.80	28.30	28.55	9.60	6.40	8.00	0.30	68.52	
		1	28.30	27.20	27.75	9.00	9.40	9.20	0.30	76.59	
		1	27.20	26.90	27.05	7.90	8.80	8.35	0.30	67.76	
	Kaivara Yogi Narayana temple Surroundings										
		0.5	1.20	1.20	1.20	4.00	3.30	3.65	0.30	0.66	
		1	8.50	9.20	8.85	4.30	6.00	5.15	0.30	13.67	
		1	17.70	15.00	16.35	6.60	5.00	5.80	0.30	28.45	
		1	15.00	8.45	11.73	9.40	12.00	10.70	0.30	37.64	
		1	7.40	7.00	7.20	2.60	5.30	3.95	0.30	8.53	
	Ashwath katte	1	8.00	8.00	8.00	1.30	1.30	1.30	0.30	3.12	
		1	8.00	8.00	8.00	0.80	0.80	0.80	0.30	1.92	
	Deductions										
	Eshwara Temple										
		1	8.00	8.00	8.00	7.80	7.80	7.80	0.30	-18.72	
		1	3.50	3.50	3.50	2.30	2.30	2.30	0.30	-2.42	
	Ashwath katte-1	1		(3.14*4.77*4.77)/4					0.30	-5.36	
	Ashwath katte-2	1		(3.14*3.18*3.18)/4					0.30	-2.38	
	Ashwath katte-3	1	3.40	3.40	3.40	3.40	3.40	3.40	0.30	-3.47	
		1			1.85			1.25	0.30	-0.69	
	temple front	1			1.50			2.25	0.30	-1.01	
	Kaivara Yogi Narayana temple										

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Item No	Discription of Item	No	L1	L2	Avg Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		1			1.00			1.00	0.30	-0.30	
	circle-1	1			(3.14*1.21*1.21)/4				0.30	-0.34	
	circle-2	1			(3.14*1.91*1.91)/4				0.30	-0.86	
		1			2.75			2.75	0.30	-2.27	
		1			2.85			3.50	0.30	-2.99	
	Kalikamba Veerabadra Swamy Temple	1			1.80			1.80	0.30	-0.97	
									Present Qty	**909.26**	**Cum**

Newzen Consultants Bangalore

PIC
Newzen Consultants Bangalore

Assistant Engineer
Ward no -03
16/3/2019

16/03/19
Asst. Executive Engineer,
Yelahanka Satellite town Sub division,
BBMP Bangalore

Scanned by CamScanner

Name of Work :Construction to Roads and drains at Attur Village and Surrounding areas in ward no-03.

	Pre Measurement Recorded on : 05-03-19 & 30-03-19										
Item No	Discription of Item	No	L1	L2	Avg Length	B1	B2	Avg Breadth	Depth	Qty	Unit
2	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.										
	For SSM Wall										
	Kaivara Yogi Narayana Temple										
	Entrance	1			5.00	0.90	0.90	0.90	0.15	0.68	
		1			7.30	0.90	0.90	0.90	0.15	0.99	
		1			16.40	0.90	0.90	0.90	0.15	2.21	
		1			9.20	0.90	0.90	0.90	0.15	1.24	
	Eshwara Temple										
	Back side	1			8.45	0.90	0.90	0.90	0.15	1.14	
	Ashwath katte-1	1			10.00	1.00	1.00	1.00	0.15	1.50	
	Ashwath katte-2	1			15.00	1.00	1.00	1.00	0.15	2.25	
	Ashwath katte-3	2			3.40	1.00	1.00	1.00	0.15	1.02	
		2			3.05	1.00	1.00	1.00	0.15	0.92	
	temple front side	1			15.52	1.00	1.00	1.00	0.15	2.33	
	Temple Surrounding	1			2.10	0.60	0.60	0.60	0.15	0.19	
		1			8.80	0.60	0.60	0.60	0.15	0.79	
		1			2.10	0.60	0.60	0.60	0.15	0.19	
		1			1.80	0.60	0.60	0.60	0.15	0.16	
		1			3.50	0.60	0.60	0.60	0.15	0.32	
		1			2.30	0.60	0.60	0.60	0.15	0.21	
		1			1.60	0.60	0.60	0.60	0.15	0.14	
		1			7.70	0.60	0.60	0.60	0.15	0.69	
		1			2.10	0.60	0.60	0.60	0.15	0.19	
	For Steps										
	East Side	1			1.71	1.50	1.50	1.50	0.15	0.38	
	West Side	1			1.71	1.50	1.50	1.50	0.15	0.38	
	Kalikamba Veerabadra Swamy Temple										
	SSM Wall	2			1.80	1.00	1.00	1.00	0.15	0.54	
		2			1.57	1.00	1.00	1.00	0.15	0.47	
	Compound Wall	1			7.90	1.20	1.20	1.20	0.15	1.42	
	For RCC Drain										
	Anganwadi Surrounding										
	Cross Road - 1	1			25.20	1.10	1.10	1.10	0.15	4.16	
		1			13.25	1.10	1.10	1.10	0.15	2.19	
	Cross Road - 2	1			16.30	1.10	1.10	1.10	0.15	2.69	
	Ambabhavani temple	1			13.00	1.10	1.10	1.10	0.15	2.15	
	For CC Road										
	Near Atturu village Anganavadi										
	Cross Road-1	1			19.00	2.53	2.72	2.63	0.15	7.48	
		1			11.00	2.72	2.68	2.70	0.15	4.46	
		1			12.70	2.15	1.61	1.88	0.15	3.58	
	Cross Road-2	1			4.80	2.90	2.90	2.90	0.15	2.09	
		1			10.20	2.34	2.80	2.57	0.15	3.93	
		1			4.80	2.40	2.48	2.44	0.15	1.76	

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Item No	Description of Item	No	L1	L2	Avg Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		1			8.10	1.06	1.35	1.21	0.15	1.46	
		1			4.95	2.05	1.75	1.90	0.15	1.41	
		1			8.00	0.65	0.65	0.65	0.15	0.78	
		1			6.20	0.63	0.62	0.63	0.15	0.58	
	pipe line	1			16.00	0.40	0.40	0.40	0.15	0.96	
	Concrete portion	1			16.00	0.30	0.30	0.30	0.15	0.72	
	Only concrete	1			3.10	0.70	0.70	0.70	0.15	0.33	
		1			7.75	0.62	0.62	0.62	0.15	0.72	
	Near Maramma Temple	1			3.10	1.83	1.83	1.83	0.15	0.85	
	Kalikamba Veerabadra Swamy Temple										
	Front side	1	5.00	5.00	5.00	4.60	4.60	4.60	0.15	3.45	
		1	6.30	6.30	6.30	5.40	5.40	5.40	0.15	5.10	
		1	10.85	10.85	10.85	4.80	4.80	4.80	0.15	7.81	
		1	15.40	15.40	15.40	7.30	7.70	7.50	0.15	17.33	
		1	15.40	15.40	15.40	7.00	7.00	7.00	0.15	16.17	
	Near Temple	1	6.00	6.00	6.00	3.20	3.20	3.20	0.15	2.88	
		1	13.00	13.00	13.00	7.50	7.50	7.50	0.15	14.63	
	Back side	1	11.00	10.00	10.50	7.90	7.85	7.88	0.15	12.40	
		1	3.00	2.75	2.88	7.00	4.30	5.65	0.15	2.44	
		1	7.00	7.00	7.00	2.40	3.30	2.85	0.15	2.99	
		1	8.00	8.00	8.00	0.30	0.30	0.30	0.15	0.36	
	Kaivara Yogi Narayana Temple										
	Entrance	1	1.06	1.06	1.06	6.85	6.85	6.85	0.15	1.09	
		0.5	2.74	2.74	2.74	6.85	6.85	6.85	0.15	1.41	
		1	20.80	21.00	20.90	3.80	3.80	3.80	0.15	11.91	
		0.5	21.00	21.00	21.00	11.90	11.90	11.90	0.15	18.74	
		0.5	1.40	1.40	1.40	4.20	4.20	4.20	0.15	0.44	
	Towards Kalyani	1	28.20	28.20	28.20	5.90	5.20	5.55	0.15	23.48	
		1	4.30	4.30	4.30	1.80	2.40	2.10	0.15	1.35	
	Towards School	1	5.00	5.00	5.00	6.10	8.50	7.30	0.15	5.48	
		1	16.70	16.70	16.70	4.80	6.10	5.45	0.15	13.65	
	(Approach) near samudhaya										
		1	12.90	12.90	12.90	3.60	2.60	3.10	0.15	6.00	
		1	9.20	9.20	9.20	1.10	1.10	1.10	0.15	1.52	
	Eshwara Temple Area										
		1	28.80	28.30	28.55	9.60	6.40	8.00	0.15	34.26	
		1	28.30	27.20	27.75	9.00	9.40	9.20	0.15	38.30	
		1	27.20	26.90	27.05	7.90	8.80	8.35	0.15	33.88	
	Kaivara Yogi Narayana temple Surroundings										
		0.5	1.20	1.20	1.20	4.00	3.30	3.65	0.15	0.33	
		1	8.50	9.20	8.85	4.30	6.00	5.15	0.15	6.84	
		1	17.70	15.00	16.35	6.60	5.00	5.80	0.15	14.22	
		1	15.00	8.45	11.73	9.40	12.00	10.70	0.15	18.82	
		1	7.40	7.00	7.20	2.60	5.30	3.95	0.15	4.27	
	Ashwath katte	1	8.00	8.00	8.00	1.30	1.30	1.30	0.15	1.56	
		1	8.00	8.00	8.00	0.80	0.80	0.80	0.15	0.96	
	Deductions										
	Eshwara Temple										
		1	8.00	8.00	8.00	7.80	7.80	7.80	0.15	-9.36	

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Item No	Discription of Item	No	L1	L2	Avg Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		1	3.50	3.50	3.50	2.30	2.30	2.30	0.15	-1.21	
	Ashwath katte-1	1			(3.14*4.77*4.77)/4				0.15	-2.68	
	Ashwath katte-2	1			(3.14*3.18*3.18)/4				0.15	-1.19	
	Ashwath katte-3	1	3.40	3.40	3.40	3.40	3.40	3.40	0.15	-1.73	
		1			1.85			1.25	0.15	-0.35	
	temple front	1			1.50			2.25	0.15	-0.51	
	Kaivara Yogi Narayana temple										
		1			1.00			1.00	0.15	-0.15	
	circle-1	1			(3.14*1.21*1.21)/4				0.15	-0.17	
	circle-2	1			(3.14*1.91*1.91)/4				0.15	-0.43	
		1			2.75			2.75	0.15	-1.13	
		1			2.85			3.50	0.15	-1.50	
	Kalikamba Veerabadra Swamy Temple	1			1.80			1.80	0.15	-0.49	
									Present Qty	**365.80**	**Cum**

PMC
Newzen Consultants Bangalore

Assistant Engineer
Ward no -03
30/3/2019

30/03/19
Asst. Executive Engineer,
Yelahanka Satellite town Sub division,
BBMP Bangalore

Scanned by CamScanner

Name of Work :Construction to Roads and drains at Attur Village and Surrounding areas in ward no-03.

	Pre Measurement Recorded on : 14-03-19								
Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
3	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.No-255,I No-27.34.8.2)								
	For SSM Wall								
	Below Ground Level								
	Kaivara Yogi Narayana Temple								
	Entrance	1	5.00	0.90	0.90	0.90	0.75	3.38	
		1	7.30	0.90	0.90	0.90	0.75	4.93	
		1	16.40	0.90	0.90	0.90	0.75	11.07	
		1	9.20	0.90	0.90	0.90	1.00	8.28	
	Eshwara Temple								
	Back side	1	8.45	0.90	0.90	0.90	0.90	6.84	
	Ashwath katte-1	1	10.00	0.90	0.90	0.90	0.75	6.75	
	Ashwath katte-2	1	15.00	0.90	0.90	0.90	0.75	10.13	
	Ashwath katte-3	2	3.40	0.90	0.90	0.90	0.75	4.59	
		2	3.05	0.90	0.90	0.90	0.75	4.12	
	temple front side	1	15.52	0.90	0.90	0.90	0.90	12.57	
	Temple Surrounding	1	2.10	0.60	0.60	0.60	0.30	0.38	
		1	8.80	0.60	0.60	0.60	0.30	1.58	
		1	2.10	0.60	0.60	0.60	0.30	0.38	
		1	1.80	0.60	0.60	0.60	0.30	0.32	
		1	3.50	0.60	0.60	0.60	0.30	0.63	
		1	2.30	0.60	0.60	0.60	0.30	0.41	
		1	1.60	0.60	0.60	0.60	0.30	0.29	
		1	7.70	0.60	0.60	0.60	0.30	1.39	
		1	2.10	0.60	0.60	0.60	0.30	0.38	
	For Steps								
	East Side	1	1.71	1.50	1.50	1.50	0.75	1.92	
	West Side	1	1.71	1.50	1.50	1.50	0.75	1.92	
	Kalikamba Veerabadra Swamy Temple								
	SSM Wall	2	1.80	0.90	0.90	0.90	0.75	2.43	
		2	1.57	0.90	0.90	0.90	0.75	2.12	
	Compound Wall	1	7.90	1.00	1.00	1.00	0.90	7.11	
	Above Ground Level								
	Kaivara Yogi Narayana Temple								
	Entrance	1	5.00	0.50	0.50	0.50	0.15	0.38	
		1	7.30	0.50	0.50	0.50	0.15	0.55	
		1	16.40	0.90	0.90	0.90	0.23	3.32	
		1	9.20	0.50	0.50	0.50	0.20	0.92	
	Eshwara Temple								
		1	24.40	0.64	0.62	0.63	0.45	6.92	

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Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		1	16.85	0.65	0.65	0.65	0.45	4.93	
	Ashwath katte-1	1	8.45	0.65	0.65	0.65	1.10	6.04	
	Ashwath katte-2	1	10.00	0.75	0.68	0.72	0.50	3.58	
	Ashwath katte-3	1	15.00	0.60	0.60	0.60	0.48	4.28	
		2	3.40	0.60	0.60	0.60	0.50	2.04	
	temple front side	2	3.05	0.60	0.60	0.60	0.50	1.83	
	Temple Surrounding	1	15.52	0.60	0.60	0.60	1.00	9.31	
		1	2.10	0.45	0.45	0.45	0.15	0.14	
		1	8.80	0.45	0.45	0.45	0.15	0.59	
		1	2.10	0.45	0.45	0.45	0.15	0.14	
		1	1.80	0.45	0.45	0.45	0.15	0.12	
		1	3.50	0.45	0.45	0.45	0.15	0.24	
		1	2.30	0.45	0.45	0.45	0.15	0.16	
		1	1.60	0.45	0.45	0.45	0.15	0.11	
		1	7.70	0.45	0.45	0.45	0.15	0.52	
	For Steps	1	2.10	0.45	0.45	0.45	0.15	0.14	
	East Side								
		1	1.71	1.27	1.27	1.27	0.20	0.43	
		1	1.71	0.96	0.96	0.96	0.20	0.33	
		1	1.71	0.66	0.66	0.66	0.20	0.23	
	West Side	1	1.71	0.37	0.37	0.37	0.20	0.13	
		1	1.71	1.38	2.38	1.88	0.20	0.64	
		1	1.71	1.08	2.08	1.58	0.20	0.54	
		1	1.71	0.77	1.77	1.27	0.20	0.43	
		1	1.71	0.47	1.47	0.97	0.20	0.33	
	Kalikamba Veerabadra Swamy Temple								
	SSM Wall	2	1.80	0.50	0.50	0.50	0.45	0.80	
		2	1.57	0.50	0.50	0.50	0.53	0.83	
	Compound Wall	1	7.90	0.90	0.90	0.90	0.20	1.42	
							Present Qty	**146.28**	**Cum**

PM
Newzen Consultants Bangalore

Assistant Engineer
Ward no -03
14/3/2019

14/03/19
Asst. Executive Engineer,
Yelahanka Satellite town Sub division,
BBMP Bangalore

Scanned by CamScanner

Name of Work :Construction to Roads and drains at Attur Village and Surrounding areas in ward no-03.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Pre Measurement Recorded on : 13-03-19						
9	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3- TMT bars						
	Atturu Village						
	Anganavadi surroundings						
	Cross-1						
	Total Drain length=38.45m						
	Main bar 10mm dia bar						
	0.61kg/mtr						
	No of U-bar=305.00Nos	305	2.30		0.61	427.92	
	Distribution bar						
	Distribution bar 10mm dia						
	0.61kg/mtr						
	Cross-2	15	38.45		0.61	359.64	
	Total Drain length=16.3m						
	Main bar 10mm dia bar						
	0.61kg/mtr						
	No of U-bar=115.00Nos	115	2.30		0.61	161.35	
	Distribution bar						
	Distribution bar 10mm dia						
	0.61kg/mtr	20	16.30		0.61	198.86	
	Ambabhavani temple						
	Total Drain length=13.00m						
	Main bar 10mm dia bar						
	0.61kg/mtr						
	No of U-bar=110.00Nos	110	2.30		0.61	154.33	
	Distribution bar						
	Distribution bar 10mm dia						
	0.61kg/mtr	19	13.00		0.61	150.67	
					Present Qty	**1452.76**	**Kg**
					Present Qty	**1.45**	**Tonne**

PMC
Newzen Consultants Bangalore

Assistant Engineer
Ward no -03

13/3/2019

Asst. Executive Engineer,
lahanka Satellite town Sub divisi
BBMP Bangalore

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Name of Work :Construction to Roads and drains at Attur Village and Surrounding areas in ward no-03.

	Pre Measurement Recorded on : 14-03-19										
Item No	Discription of Item	No	L1	L2	Avg Length	B1	B2	Avg Breadth	Depth	Qty	Unit
13	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 (Page No-140 Item no - 18.47 of KPWD SR 2018-19)										
	For CC Road										
	Near Atturu village Anganavadi										
	Cross Road-1	1			19.00	2.53	2.72	2.63	0.15	7.48	
		1			11.00	2.72	2.68	2.70	0.15	4.46	
		1			12.70	2.15	1.61	1.88	0.15	3.58	
	Cross Road-2	1			4.80	2.90	2.90	2.90	0.15	2.09	
		1			10.20	2.34	2.80	2.57	0.15	3.93	
		1			4.80	2.40	2.48	2.44	0.15	1.76	
		1			8.10	1.06	1.35	1.21	0.15	1.46	
		1			4.95	2.05	1.75	1.90	0.15	1.41	
	Near Maramma Temple	1			3.10	1.83	1.83	1.83	0.15	0.85	
	Kalikamba Veerabadra Swamy Temple										
	Front side	1	5.00	5.00	5.00	4.60	4.60	4.60	0.15	3.45	
		1	6.30	6.30	6.30	5.40	5.40	5.40	0.15	5.10	
		1	10.85	10.85	10.85	4.80	4.80	4.80	0.15	7.81	
		1	15.40	15.40	15.40	7.30	7.70	7.50	0.15	17.33	
		1	15.40	15.40	15.40	7.00	7.00	7.00	0.15	16.17	
	Back side	1	11.00	10.00	10.50	7.90	7.85	7.88	0.15	12.40	
		1	3.00	2.75	2.88	7.00	4.30	5.65	0.15	2.44	
		1	7.00	7.00	7.00	2.40	3.30	2.85	0.15	2.99	
		1	8.00	8.00	8.00	0.30	0.30	0.30	0.15	0.36	
	Eshwara Temple Area										
		1	28.80	28.30	28.55	9.60	6.40	8.00	0.15	34.26	
		1	28.30	27.20	27.75	9.00	9.40	9.20	0.15	38.30	
		1	27.20	26.90	27.05	7.90	8.80	8.35	0.15	33.88	
	Deductions										
	Eshwara Temple										
		1	8.00	8.00	8.00	7.80	7.80	7.80	0.15	-9.36	
		1	3.50	3.50	3.50	2.30	2.30	2.30	0.15	-1.21	
	temple front	1			1.50			2.25	0.15	-0.51	
									Present Qty	**190.43**	**Cum**

PMC
Newzen Consultants Bangalore

Assistant Engineer
Ward no -03
BBMP Bangalore

14/3/2019

Asst. Executive Engineer,
Yelahanka Satellite town Sub division,
BBMP Bangalore

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Name of Work :Construction to Roads and drains at Attur Village and Surrounding areas in ward no-03.

Pre Measurement Recorded on : 18-03-19

Item No	Discription of Item	No	L1	L2	Avg Length	B1	B2	Avg Breadth	Depth	Qty	Unit
14	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.										
	For CC Road										
	Near Atturu village Anganavadi										
	Cross Road-1	1			19.00	2.53	2.72	2.63		49.88	
		1			11.00	2.72	2.68	2.70		29.70	
		1			12.70	2.15	1.61	1.88		23.88	
	Cross Road-2	1			4.80	2.90	2.90	2.90		13.92	
		1			10.20	2.34	2.80	2.57		26.21	
		1			4.80	2.40	2.48	2.44		11.71	
		1			8.10	1.06	1.35	1.21		9.76	
		1			4.95	2.05	1.75	1.90		9.41	
		1			8.00	0.65	0.65	0.65		5.20	
		1			6.20	0.63	0.62	0.63		3.88	
	pipe line	1			16.00	0.40	0.40	0.40		6.40	
	Concrete portion	1			16.00	0.30	0.30	0.30		4.80	
	Only concrete	1			3.10	0.70	0.70	0.70		2.17	
		1			7.75	0.62	0.62	0.62		4.81	
	Near Maramma Temple	1			3.10	1.83	1.83	1.83		5.67	
	Kalikamba Veerabadra Swamy Temple										
	Front side	1	5.00	5.00	5.00	4.60	4.60	4.60		23.00	
		1	6.30	6.30	6.30	5.40	5.40	5.40		34.02	
		1	10.85	10.85	10.85	4.80	4.80	4.80		52.08	
		1	15.40	15.40	15.40	7.30	7.70	7.50		115.50	
		1	15.40	15.40	15.40	7.00	7.00	7.00		107.80	
	Near Temple	1	6.00	6.00	6.00	3.20	3.20	3.20		19.20	
		1	13.00	13.00	13.00	7.50	7.50	7.50		97.50	
	Back side	1	11.00	10.00	10.50	7.90	7.85	7.88		82.69	
		1	3.00	2.75	2.88	7.00	4.30	5.65		16.24	
		1	7.00	7.00	7.00	2.40	3.30	2.85		19.95	
		1	8.00	8.00	8.00	0.30	0.30	0.30		2.40	
	Kaivara Yogi Narayana Temple										
	Entrance	1	1.06	1.06	1.06	6.85	6.85	6.85		7.26	
		0.5	2.74	2.74	2.74	6.85	6.85	6.85		9.38	
		1	20.80	21.00	20.90	3.80	3.80	3.80		79.42	
		0.5	21.00	21.00	21.00	11.90	11.90	11.90		124.95	
		0.5	1.40	1.40	1.40	4.20	4.20	4.20		2.94	
	Towards Kalyani	1	28.20	28.20	28.20	5.90	5.20	5.55		156.51	
		1	4.30	4.30	4.30	1.80	2.40	2.10		9.03	
	Towards School	1	5.00	5.00	5.00	6.10	8.50	7.30		36.50	
		1	16.70	16.70	16.70	4.80	6.10	5.45		91.02	
	(Approach) near samudhaya Bhavana										
		1	12.90	12.90	12.90	3.60	2.60	3.10		39.99	

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Item No	Discription of Item	No	L1	L2	Avg Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	Eshwara Temple Area	1	9.20	9.20	9.20	1.10	1.10	1.10		10.12	
		1	28.80	28.30	28.55	9.60	6.40	8.00		228.40	
		1	28.30	27.20	27.75	9.00	9.40	9.20		255.30	
		1	27.20	26.90	27.05	7.90	8.80	8.35		225.87	
	Kaivara Yogi Narayana temple Surroundings										
		0.5	1.20	1.20	1.20	4.00	3.30	3.65		2.19	
		1	8.50	9.20	8.85	4.30	6.00	5.15		45.58	
		1	17.70	15.00	16.35	6.60	5.00	5.80		94.83	
		1	15.00	8.45	11.73	9.40	12.00	10.70		125.46	
	Ashwath katte	1	7.40	7.00	7.20	2.60	5.30	3.95		28.44	
		1	8.00	8.00	8.00	1.30	1.30	1.30		10.40	
	Deductions	1	8.00	8.00	8.00	0.80	0.80	0.80		6.40	
	Eshwara Temple										
		1	8.00	8.00	8.00	7.80	7.80	7.80		-62.40	
	Ashwath katte-1	1	3.50	3.50	3.50	2.30	2.30	2.30		-8.05	
	Ashwath katte-2	1			(3.14*4.77*4.77)/4					-17.86	
	Ashwath katte-3	1			(3.14*3.18*3.18)/4					-7.94	
		1	3.40	3.40	3.40	3.40	3.40	3.40		-11.56	
	temple front	1			1.85			1.25		-2.31	
	Kaivara Yogi Narayana temple	1			1.50			2.25		-3.38	
		1			1.00			1.00		-1.00	
	circle-1	1			(3.14*1.21*1.21)/4					-1.15	
	circle-2	1			(3.14*1.91*1.91)/4					-2.86	
		1			2.75			2.75		-7.56	
		1			2.85			3.50		-9.98	
	Kalikamba Veerabadra Swamy Temple	1			1.80			1.80		-3.24	
									Present Qty	**2228.46**	**Cum**

PMC
Newzen Consultants Bangalore

Assistant Engineer
Ward no -03
BBMP Bangalore
18/3/2019

18/03/19
Asst. Executive Engineer,
Yelahanka Satellite town Sub division,
BBMP Bangalore

Scanned by CamScanner

Name of Work :Construction to Roads and drains at Attur Village and Surrounding areas in ward no-03.

Pre Measurement Recorded on : 19-03-19

Item No	Discription of Item	No	L1	L2	Avg Length	B1	B2	Avg Breadth	Depth	Qty	Unit
15	Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density)										
	For CC Road										
	Eshwara Temple Area										
		1	28.80	28.30	28.55	9.60	6.40	8.00	0.30	68.52	
		1	28.30	27.20	27.75	9.00	9.40	9.20	0.30	76.59	
		1	27.20	26.90	27.05	7.90	8.80	8.35	0.30	67.76	
	Ashwath katte-1	1			(3.14*3.33*3.33)/4				0.50	4.35	
	Ashwath katte-2	1			(3.14*1.98*1.98)/4				0.50	1.54	
	Ashwath katte-3	1			3.05			3.05	0.60	5.58	
	Kaivara Yogi Narayana temple Surroundings										
		0.5	1.20	1.20	1.20	4.00	3.30	3.65	0.75	1.64	
		1	8.50	9.20	8.85	4.30	6.00	5.15	0.75	34.18	
		1	17.70	15.00	16.35	6.60	5.00	5.80	0.75	71.12	
		1	15.00	8.45	11.73	9.40	12.00	10.70	0.75	94.09	
	Ashwath katte	1	7.40	7.00	7.20	2.60	5.30	3.95	0.75	21.33	
		1	8.00	8.00	8.00	1.30	1.30	1.30	0.75	7.80	
	Kaivara Yogi Narayana temple Back Side	1	8.00	8.00	8.00	0.80	0.80	0.80	0.75	4.80	
		1	9.30	9.75	9.53	4.35	7.45	5.90	0.75	42.15	
		1	8.70	11.30	10.00	7.45	12.10	9.78	0.75	73.31	
	Deductions										
	Eshwara Temple										
		1	8.00	8.00	8.00	7.80	7.80	7.80	0.30	-18.72	
		1	3.50	3.50	3.50	2.30	2.30	2.30	0.30	-2.42	
	Kaivara Yogi Narayana temple										
		1			1.00			1.00	0.30	-0.30	
	circle-1	1			(3.14*1.21*1.21)/4				0.30	-0.34	
	circle-2	1			(3.14*1.91*1.91)/4				0.30	-0.86	
		1			2.75			2.75	0.30	-2.27	
		1			2.85			3.50	0.30	-2.99	
									Present Qty	**546.87**	**Cum**

Newzen Consultants Bangalore
PVT.C

Assistant Engineer
Ward no -03
BBMP Bangalore
19/2/2019

Asst. Executive Engineer,
Yelahanka Satellite town Sub division,
BBMP Bangalore
19/2/19

13

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Name of Work :Construction to Roads and drains at Attur Village and Surrounding areas in ward no-03.

Pre Measurement Recorded on : 21-03-19

Item No	Discription of Item	No	L1	L2	Avg Length	B1	B2	Avg Breadth	Depth	Qty	Unit
16	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (Page No. 155.tem No.20.18,PW,P & IWTD SR										
	For CC Road										
	Near Atturu village Anganavadi										
	Cross Road-1										
		1			19.00	2.53	2.72	2.63	0.15	7.48	
		1			11.00	2.72	2.68	2.70	0.15	4.46	
	Cross Road-2	1			12.70	2.15	1.61	1.88	0.15	3.58	
		1			4.80	2.90	2.90	2.90	0.15	2.09	
		1			10.20	2.34	2.80	2.57	0.15	3.93	
		1			4.80	2.40	2.48	2.44	0.15	1.76	
		1			8.10	1.06	1.35	1.21	0.15	1.46	
		1			4.95	2.05	1.75	1.90	0.15	1.41	
		1			8.00	0.65	0.65	0.65	0.15	0.78	
	pipe line	1			6.20	0.63	0.62	0.63	0.15	0.58	
	Concrete portion	1			16.00	0.40	0.40	0.40	0.15	0.96	
	Only concrete	1			16.00	0.30	0.30	0.30	0.10	0.48	
		1			3.10	0.70	0.70	0.70	0.10	0.22	
	Near Maramma Temple	1			7.75	0.62	0.62	0.62	0.10	0.48	
	Kalikamba Veerabadra Swamy Temple				3.10	1.83	1.83	1.83	0.15	0.85	
	Front side	1	5.00	5.00	5.00	4.60	4.60	4.60	0.15	3.45	
		1	6.30	6.30	6.30	5.40	5.40	5.40	0.15	5.10	
		1	10.85	10.85	10.85	4.80	4.80	4.80	0.15	7.81	
		1	15.40	15.40	15.40	7.30	7.70	7.50	0.15	17.33	
		1	15.40	15.40	15.40	7.00	7.00	7.00	0.15	16.17	
	Near Temple	1	6.00	6.00	6.00	3.20	3.20	3.20	0.15	2.88	
		1	13.00	13.00	13.00	7.50	7.50	7.50	0.15	14.63	
	Back side	1	11.00	10.00	10.50	7.90	7.85	7.88	0.15	12.40	
		1	3.00	2.75	2.88	7.00	4.30	5.65	0.15	2.44	
		1	7.00	7.00	7.00	2.40	3.30	2.85	0.15	2.99	
		1	8.00	8.00	8.00	0.30	0.30	0.30	0.15	0.36	
	Kaivara Yogi Narayana Temple										
	Entrance	1	1.06	1.06	1.06	6.85	6.85	6.85	0.15	1.09	
		0.5	2.74	2.74	2.74	6.85	6.85	6.85	0.15	1.41	
		1	20.80	21.00	20.90	3.80	3.80	3.80	0.15	11.91	
		0.5	21.00	21.00	21.00	11.90	11.90	11.90	0.15	18.74	
		0.5	1.40	1.40	1.40	4.20	4.20	4.20	0.15	0.44	
	Towards Kalyani	1	28.20	28.20	28.20	5.90	5.20	5.55	0.15	23.48	
		1	4.30	4.30	4.30	1.80	2.40	2.10	0.15	1.35	
	Towards School	1	5.00	5.00	5.00	6.10	8.50	7.30	0.15	5.48	
		1	16.70	16.70	16.70	4.80	6.10	5.45	0.15	13.65	

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Item No	Discription of Item	No	L1	L2	Avg Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	(Approach) near samudhaya Bhavana										
		1	12.90	12.90	12.90	3.60	2.60	3.10	0.15	6.00	
		1	9.20	9.20	9.20	1.10	1.10	1.10	0.15	1.52	
	Eshwara Temple Area										
		1	28.80	28.30	28.55	9.60	6.40	8.00	0.15	34.26	
		1	28.30	27.20	27.75	9.00	9.40	9.20	0.15	38.30	
		1	27.20	26.90	27.05	7.90	8.80	8.35	0.15	33.88	
	Kaivara Yogi Narayana temple Surroundings										
		0.5	1.20	1.20	1.20	4.00	3.30	3.65	0.15	0.33	
		1	8.50	9.20	8.85	4.30	6.00	5.15	0.15	6.84	
		1	17.70	15.00	16.35	6.60	5.00	5.80	0.15	14.22	
		1	15.00	8.45	11.73	9.40	12.00	10.70	0.15	18.82	
	Ashwath katte	1	7.40	7.00	7.20	2.60	5.30	3.95	0.15	4.27	
		1	8.00	8.00	8.00	1.30	1.30	1.30	0.15	1.56	
	Deductions	1	8.00	8.00	8.00	0.80	0.80	0.80	0.15	0.96	
	Eshwara Temple										
		1	8.00	8.00	8.00	7.80	7.80	7.80	0.15	-9.36	
		1	3.50	3.50	3.50	2.30	2.30	2.30	0.15	-1.21	
	Ashwath katte-1	1			(3.14*4.77*4.77)/4				0.15	-2.68	
	Ashwath katte-2	1			(3.14*3.18*3.18)/4				0.15	-1.19	
	Ashwath katte-3	1	3.40	3.40	3.40	3.40	3.40	3.40	0.15	-1.73	
		1			1.85			1.25	0.15	-0.35	
	temple front	1			1.50			2.25	0.15	-0.51	
	Kaivara Yogi Narayana temple										
		1			1.00			1.00	0.15	-0.15	
	circle-1	1			(3.14*1.21*1.21)/4				0.15	-0.17	
	circle-2	1			(3.14*1.91*1.91)/4				0.15	-0.43	
		1			2.75			2.75	0.15	-1.13	
		1			2.85			3.50	0.15	-1.50	
	Kalikamba Veerabadra Swamy Temple	1			1.80			1.80	0.15	-0.49	
									Present Qty	**333.68**	**Cum**

PMC
Newzen Consultants Bangalore

Assistant Engineer
Ward no -03
BBMP Bangalore
21/3/2019

Asst. Executive Engineer,
Yelahanka Satellite town Sub division,
BBMP Bangalore
21/03/19

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